SECTION C.2 – PORTSMOUTH ENVIRONMENTAL REMEDIATION STATEMENT OF WORK

Acronyms

AEA	Atomic Energy Act
CAAS	Criticality Accident Alarm System
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CO	Contracting Officer
D&D	Decontamination and Decommissioning
DMSAs	DOE Material Storage Areas
DOE	Department of Energy
DUF_6	depleted uranium hexafluoride
EEOICPA	Energy Employees Occupational Illness Compensation Program Act of 2000
ES&H	Environment, Safety and Health
EU	Enriched Uranium
FAR	Federal Acquisition Regulation
FS	Feasibility Study
FY	fiscal year
GCEP	Gaseous Centrifuge Enrichment Plant
GIS	Geographical Information System
HEU	Highly Enriched Uranium
HVAC	Heating, Ventilation & Air Conditioning
HW	hazardous waste
ISMS	Integrated Safety Management System
LLW	low-level waste
LTS	long-term stewardship
mg/kg	milligrams per kilogram
µg/l	micrograms per liter
MLLW	mixed low-level waste
MOA	Memorandum of Agreement
NCS	nuclear criticality safety
NDA	Non-destructive assay
NEPA	National Environmental Policy Act
NFS	Nuclear Fuel Services
NMC&A	Nuclear Material Control & Accountability
NOV	Notice of Violation
NPDES	National Pollutant Discharge System
OEPA	State of Ohio Environmental Protection Agency
PCBs	polychlorinated biphenyls
PMP	Project Management Plan
PPPO	Portsmouth Paducah Project Office
RCRA	Resource Conservation and Recovery Act
RI	Remedial Investigation
S&M	surveillance and maintenance
SI/RA	Site Investigation/Remedial Action
SOW	Statement of Work

STP	Site Treatment Plan
SWMU	solid waste management unit
Tc^{99}	technetium-99
TBD	To Be Determined
TCE	trichloroethylene
TSCA	Toxic Substances Control Act
UDS	Uranium Disposition Services, LLC
UF_4	uranium tetrafluoride
UNCI	Unclassified Controlled Nuclear Information
USEC	United States Enrichment Corporation
USEPA	United States Environmental Protection Agency

SECTION – C.2 PORTSMOUTH ENVIRONMENTAL REMEDIATION STATEMENT OF WORK (SOW)

C.2.0 Introduction

The Portsmouth Site is a 3,714-acre federal reservation in south central Ohio, one mile east of U.S. Route 23 in rural Pike County, approximately 75 miles south of Columbus and 22 miles north of Portsmouth. The nearest residential center is the village of Piketon (population of approximately 1,800), which is approximately five miles northwest of the facility on U.S. Route 23.

The Portsmouth Gaseous Diffusion Plant (part of the Portsmouth site) is a uranium enrichment plant that was constructed in the mid 1950's and operated by the Department of Energy (DOE) and its predecessor agencies to supply both high- and low-enriched uranium for defense purposes and commercial nuclear fuel sales. After 1991, the gaseous diffusion plant produced only low-enriched uranium for commercial power plants. The Portsmouth Gaseous Diffusion Plant is currently leased to the United States Enrichment Corporation (USEC).

The uranium enrichment program utilizing the gaseous diffusion process resulted in the generation of significant quantities of radioactive, hazardous, and mixed waste, which is referred to as legacy waste, and other contaminants. Waste and contaminants at the site include those regulated under the Resource Conservation and Recovery Act (RCRA), the Toxic Substances Control Act (TSCA), and the Atomic Energy Act (AEA), including construction debris, sanitary waste, hazardous waste (HW), radioactive low-level waste (LLW), and mixed low-level waste (MLLW). Activities at the site resulted in the contamination of equipment, facilities, soil, and ground water with radioactive and hazardous constituents.

Enrichment operations at Portsmouth were discontinued by USEC on May 11, 2001, and shortly thereafter, DOE issued a cold standby contract to USEC to maintain restart potential within 18-24 months if deemed necessary. Some leased facilities not required to support cold standby have been transitioned from USEC back to DOE. Additional facilities may be transitioned back to DOE if they are not required for cold standby.

C.2.0.1 Contract Purpose and Scope

This is a cost-plus-incentive fee remediation contract. All work performed under this SOW (including off-site transport and disposal fees) shall be completed as stated in Section F. This contract reflects the application of performance-based contracting approaches and techniques that emphasize results/outcomes and minimize "how to" performance descriptions. The contractor has the responsibility for total performance under this contract, including determining the specific methods for accomplishing the work within the requirements of the contract. The milestone dates that are identified within the scope of work are driven by an agreement among DOE and the regulators. However, the contractor is required to comply with all applicable Federal and State laws and regulations, DOE Directives, permits, agreements and Orders with the regulators (both State and Federal). The primary objective of this contract is to remediate

and disposition specific areas on the site (land sites and groundwater) by removing legacy waste, initiating facility decontamination and decommissioning (D&D), dispositioning of highly enriched uranium, managing DUF_6 cylinders until such work scope is transferred to others under the DUF_6 disposition contract, and operating the site waste storage facilities in accordance with all the applicable laws, regulations, DOE Directives, permits, and agreements and Orders. Disposition is defined in the specific applicable Orders and Agreements.

The following sections describe the scope of work that shall be accomplished under this contract. This includes Environmental Remediation (C.2.1); Waste Management, Storage Operations and Facility Maintenance (C.2.2); Uranium Programs (C.2.3); Gaseous Centrifuge Enrichment Plant Activities (C.2.4); Uranium Management Group Activities (C.2.5); Onsite Disposal Cell Planning (C.2.6); and Project Support (C.2.7). The resulting milestone dates reflect agreements among DOE and the regulators [i.e., the USEPA and the State of Ohio Environmental Protection Agency (Ohio EPA)]. While the contractor has the flexibility to implement a project structure and to sequence the work associated with Sections C.2.1 through C.2.6 to optimize the project schedule to achieve safe, cost-effective and accelerated cleanup of the site, the contractor shall meet these regulatory milestone dates.

C.2.0.2 General End State Requirements

The following activities including all SOW requirements shall be completed:

a) Completion of the selected remedies identified in the decision document and subsequent work plan for two Quadrant II SWMUs.

b) Disposition of all scrap materials and waste.

c) Decommissioning and demolition of the identified fourteen facilities.

d) Construction of the X-624 and the X-627 facilities and demolition of the X-622T facility.

e) Final disposition of all HEU materials stored at Nuclear Fuel Services (NFS) and disposition of HEU materials on site in the L-Cage of the X-326.

f) Transition the DUF6 cylinder inventory responsibilities to the Uranium Disposition Services, LLC contractor.

g) Transition the Gaseous Centrifuge Enrichment Plant (GCEP) facilities to USEC.

C.2.0.3 Contract Performance and Key Requirements

The contractor shall furnish all personnel, facilities, equipment, material, services and supplies (except as set forth in this contract to be furnished by DOE), and otherwise do all things necessary to accomplish all work and in a safe, integrated, effective and efficient manner.

The contractor shall be responsible for planning, integrating, managing and executing the programs, projects, operations and other activities as described in this SOW. The contractor shall develop, implement and maintain a comprehensive, resource-loaded baseline as required in Section H.

The contractor shall be responsible for providing general oversight and project management functions to enable the safe operation of the site. In addition, the contractor is responsible for the operations, environment, safety, health and quality assurance within its own organization and its subcontractors.

The contractor shall develop a risk based strategy for ensuring that its technical approach and execution of work is compliant the applicable statutory and regulatory requirements and shall certify their compliance with environmental requirements. The contractor shall recognize and work within the constraints imposed by the contracts and other agreements between DOE and the Infrastructure contractor, the USEC and Uranium Disposition Services (UDS).

The contractor shall comply with the State of Ohio Consent Decree issued in August 1989 (Civil Action Case #C2-89-732), and the USEPA Region V Administrative Order issued by Consent, under the authority of Section 3008(h) of RCRA, as amended; 42 U.S.C. Section 6928(h) and 106 (a) of CERCLA, as amended; 42 U.S.C. Section 9606(a) in September 1989 (amended in 1994 and 1997, Docket #OH7 890 008 983); TSCA Federal Facilities Compliance Agreement; RCRA Part B Storage Permit; Director's Final Findings & Orders for the Integrated Units; and the Director's Final Findings & Orders for the Site Treatment Plan.

The contractor shall comply with all site permits, all State of Ohio and Federal requirements, and all compliance documents contained in Attachment J, Attachment 1.2 (List A). The compliance requirements in these and other documents may be modified only by agreement between DOE and the regulators. The contractor shall comply with any other regulatory agreements or documents that may be issued in the future for the site during the term of the contract. Failure by the contractor to meet a regulatory milestone may result in negative contractor performance rating and further action by the Contracting Officer (CO) as allowed for by Section B and other provisions of this contract, up to and including contract termination.

The applicable milestones, dates and reference documents for the SOW are provided in Exhibit C.2.0.3. The contractor shall comply with all regulatory milestones dates. Milestone dates identified as TBD shall be established during baseline development and throughout the contract term as appropriate and approved by DOE. The contractor shall comply with all TBD dates, as determined, once approved. The DOE approved regulatory milestones will be considered "minimum requirements for specified level of performance" pursuant to Section B.1.7.

C.2.1 Environmental Remediation

Cleanup actions are implemented in accordance with RCRA and CERCLA. Due to the size of the facility and groundwater flow patterns; the plant has been divided into four quadrants for

investigation and implementation of necessary cleanup actions. At this time, three of the four quadrants have corrective measures in place.

All four quadrants have been characterized, providing information on the extent of contamination, through sampling from more than 640 ground water monitoring wells and over 500 soil borings. These investigative studies show that there are five separate ground water plumes, all located within the plant boundaries. The main contaminant in these plumes is the chemical solvent trichloroethylene (TCE) that was used for many years to degrease industrial equipment at the Portsmouth plant.

Cleanup projects have been completed involving the capping of six onsite landfills, cleaning former waste storage areas and consolidating waste into a RCRA Part B permitted storage facility, removing underground storage tanks, constructing five groundwater treatment facilities, remediating surface impoundments, and implementing phytoremediation groundwater treatment. Six interim remedial measures have also been completed to prevent contamination from migrating outside the site boundaries.

Additional solid waste management units (SWMUs) have been deferred for cleanup until the plant goes into D&D due to the proximity/potential impacts to USEC operations. The site is not listed on the National Priority List.

C.2.1.1 Quadrant II Remedial Actions

This work scope shall be considered complete following contractor completion of the selected remedied for the two SWMUs in accordance with the X-701B SWMU Decision Document and the DOE-Ohio/EPA approved work plan.

C.2.1.1.1 General Information

The Quadrant II area is located in the northeast portion of the Portsmouth Site and consists of approximately 325 acres. The RCRA Quadrant II Facility Investigation and Corrective Measures Study are complete. Investigations for 25 SWMUs were included as part of the Quadrant II Facility Investigation, and the Corrective Measure Study identified two SWMUs that require corrective actions. These SWMUs are the X-701B Holding Pond and Retention Basins (soils only), and the X701B groundwater area. The principal contaminants of concern for the quadrant are TCE, uranium, and technetium.

The completion of the selected remedies for the Quadrant II area shall be performed in accordance with the X-701B SWMU Decision Document, dated December 8, 2003.

C.2.1.1.2 Work to be Performed

The contractor shall perform all activities to:

a) Prepare and obtain regulatory approval of work plan(s) for the selected remedies.
b) Design, install, and operate an in-situ oxidant treatment system for groundwater through a phased construction approach in accordance with the Quadrant II Decision Document.

The system shall be operated over an estimated 4-year period during non-freezing conditions.

c) Design and install a RCRA Subtitle C/D cap over the X-701B pond area including the sludge retention basins and the plateau area north of the retention basin.
d) Disposition all wastes generated in accordance with Section C.2.2.
e) Complete project closeout and the Operating and Maintenance Plan for both remedial actions.

C.2.1.1.3 Milestones/Schedule/Reference Documents

The milestones, schedule and reference documents are listed in Exhibit C.2.0.3.

C.2.1.2 Scrap Yard

This work scope shall be considered complete following contractor disposition of all scrap material within and around the X-747H scrap yard.

C.2.1.2.1 General Information

DOE has stored an estimated 7,400 tons of low-level radiologically contaminated scrap metal located at the X-747H Scrap Yard. The scrap yard has been used for storage of scrap metal/equipment from diffusion plant processes, surplus material/equipment, and contaminated vehicles/equipment. The primary contaminants of concern are uranium compounds. The surplus and scrap yard encompasses an area of approximately seven acres. The X-747H Scrap Yard has been listed as a deferred SWMU in the Quadrant III decision document.

C.2.1.2.2 Work to be Performed

The contractor shall perform all activities to:

a) Store, characterize, process (including size reduction), package, and ship an estimated 2,000 tons of low-level radiologically contaminated scrap material within and around the X-747H scrap yard to a DOE-approved facility for recycle, storage, treatment or disposal, as applicable. Scrap material shall be processed and/or packaged to meet disposal or receiver site acceptance criteria as stipulated by the receiver site, including all classified material.
b) Complete final disposition of all scrap material/metal/equipment/vehicles within and around the X-747H scrap yard.

C.2.1.2.3 Milestones/Schedule/Reference Documents

The milestones, schedule and reference documents are listed in Exhibit C.2.0.3.

C.2.1.3 Inactive Facilities Removal

This work scope shall be considered complete following demolition and disposition of all at- and above-grade materials and below-grade holding tanks and materials to a DOE-approved disposal site for the facilities identified in the Table below.

C.2.1.3.1 General Information

Several facilities are excess to the Government's needs and demolition is the desired end state. The facilities currently have minimum surveillance and maintenance performed and maintained at a minimum safe state. The facilities to be demolished are identified in the table in Section C.2.1.3.2.

C.2.1.3.2 Work to be Performed

The contractor shall perform all activities to:

a) Characterize and demolish/remediate the facilities listed below in accordance with all applicable requirements.
   1) Facilities not designated as deferred units on the table below including all above and below grade manmade materials. The contractor shall restore all demolition sites by backfilling with an approved material and grade to match contours of the surrounding area. Final surface restoration shall match adjacent areas (e.g., grass, gravel).
   2) Facilities designated as deferred units on the table below are to be demolished to the top of the slab and the other below grade components left in place.
b) Perform surveillance and maintenance prior to facility demolition, using a graded approach. In X-770 inspect PCB storage monthly.
c) Dispose of all waste and materials generated in accordance with Section C.2.2.
d) Disposition all removed materials to a DOE-approved disposal site and complete final restoration of the areas.

Building Number/Name	Size (Sq. Ft)	Description of Past Use
X-105 Electronic Maintenance Facility	11,000	Primarily used for the maintenance of electronic equipment.
X-106B Fire Training Facility	2,400	Utilized as a training facility for fire fighting and rescue techniques
X-231J1 Environmental Monitoring Station	100	Held equipment for sampling nearby environmental areas
X-230J8 Environmental Storage Facility	100	Held various field sampling equipment
X-342C Waste HF Neutralization Pit *	2,000	Neutralized hydrogen fluoride solutions
X-344C HF Storage Facility*	1,600	Stored hydrogen fluoride liquid for use in fluorine generation
X-344E Gas Ventilation Stack*		Provided forced air ventilation for the area performing hydrogen fluoride transfers
X-344F Safety Facility*	100	Housed an emergency shower for the area
X-615 Old Sewage Treatment Plant	6,000	Site sewage facility active through 1982. Numerous holding tanks are located exterior to the building and are part of the demolition.
X-616 Liquid Effluent Control Facility	2,000	Processed Chromium-containing cooling water blow down to remove chromium by precipitation
X-701D Water Deionization Facility	700	Performed water deionization for laboratory uses

Building Number/Name	Size (Sq. Ft)	Description of Past Use
X-720A Maintenance Facility Gas Manifold Shed	1000	Fed various gases to the maintenance building
X-740 Waste Oil Storage Facility	6,000	Staged waste oils requiring analysis for disposition
X-770 Mechanical Test Facility*	23,000	Acted as a full scale test facility for process equipment, including capability to run process gas via a loop tie-in to enrichment
*Identified in the decision documents as deferred SWMUs.		

C.2.1.3.3 Milestones/Schedule/Reference Documents

The milestones, schedule and reference documents are listed in Exhibit C.2.0.3.

C.2.1.4 Post Remediation Surveillance and Maintenance

This work scope will be considered complete upon construction and operation of the X-624 upgrade and the X-627 replacement groundwater treatment facilities; and demolition of the X-622T groundwater treatment facility. The contractor shall operate and maintain all groundwater treatment facilities, air monitoring stations, and groundwater monitoring systems through the end of this contract.

C.2.1.4.1 General Information

Long-term S&M is required for certain closed/inactive remedial action units, as well as the operation and maintenance of installed groundwater collection systems and treatment facilities, until regulatory directed cleanup levels are achieved. Operation of these systems and facilities is intended to prevent the migration of contaminants offsite and to treat contaminated water to permitted levels. The design plan for the X-627 replacement facility is complete awaiting issue of Permit to Install from Ohio EPA.

Other required operational activities including, but are not limited to providing oversight of the Portsmouth ambient air monitoring network; conducting neutron measurement activities near cylinder yards and associated background locations; operating the thermoluminescent dosimeter program to measure external gamma radiation exposure.

C.2.1.4.2 Work to be Performed

The contractor shall perform all activities to:

a) Operate, maintain, repair and replace as needed, all systems, components and equipment and items in the following Groundwater Treatment Facilities: X-622, X-622T, X-623, X-624, X-625, X-627 and X701E.
    1) Complete the design, construct, and operate the X-624 facility upgrade.
    2) Complete the design, construct and operate the X-627 Ground Water Treatment Facility. This facility replaces the X-622T facility. The X-622T facility shall remain operational until the X-627 facility is approved for operations.
    3) Demolish the X-622T facility to the top-of -slab once the X-627 is operational.
b) Conduct routine and special inspections of the completed remedies listed in the table below.

ID Number	Title/Description	Comment
X-231A	Southeast Oil Biodegradation Plot	Capped (closed)
X-231B	Southwest Oil Biodegradation Plot	Capped (closed)
X-611A	Old Lime Sludge Lagoons Area	18 acres control burn
X-616	Sludge lagoon	Remediated (closed)
X-701C	Neutralization Pit and Tank	Remediated (closed)
X-720	Neutralization Pit	Remediated (closed)
X-735 A & B	Sanitary Landfill	Capped (closed)
X-740	Waste Oil Storage Facility (drum crusher)	Remediated (closed)
X-749 North	Contaminated Material Storage Yard	Capped (closed)
X-749 South	Contaminated Material Storage Yard	Capped (closed)
X-749/120	Phytoremediation Area	Phase 1 and 2
X-749A	S Classified Burial Yard	Capped (closed)
X-749B	Peter Kiewit Landfill	Capped (closed)

c) Perform annual controlled burn of X-611A.
d) Perform leachate collection activities at the X-735.
e) Maintain and repair the site groundwater monitoring system including but not limited to painting, welding, concrete pad repair, pump replacement, well replacement, installation, or abandonment in accordance with Ohio EPA guidance.
f) Prepare an annual report to DOE on wells for which maintenance is performed, including waste handling, disposition activities, and recommendations to minimize cost.
g) Operate, maintain, repair, and replace the 15 stations comprising the ambient air-monitoring network including the collection, analysis, and reporting on samples attained from the system.
h) Dispose of all wastes generated in accordance with Section C.2.2.

C.2.1.4.3 Milestones/Schedule/Reference Documents

The milestones, schedule and reference documents are listed in Exhibit C.2.0.3.

C.2.1.5 Environmental Monitoring and Reporting

This is an ongoing activity requiring the contractor to perform environmental monitoring of on-site and off-site air, soils, and water, and to report results to DOE and regulators through the end of this contract.

C.2.1.5.1 General Information

In order to protect the health and safety of the onsite workforce, the public, and the environment, monitoring of onsite and offsite air, soils, and water is performed. This monitoring is expected to continue throughout the contract.

An environmental monitoring program has been established. Agreements with the Regulators have been made on the scope of the program. It is DOE's goal to minimize the monitoring requirements through agreements with the Regulators.

C.2.1.5.2 Work to be Performed

The contractor shall perform all activities to:

a) Monitor and maintain the structural integrity of an estimated 640 groundwater monitoring wells.
b) Implement the requirements of the Integrated Groundwater Monitoring Plan and the National Pollutant Discharge Elimination System Permit (NPDES) including, but not limited to, water level monitoring, analysis of samples for chemical and radiological parameters, Appendix IX well sampling, and reporting.
c) Prepare documentation, as necessary, for the NEPA process.
d) Perform five-year evaluations as required by the consent decree and decision documents of already completed and to be completed remedial actions, including but not limited to, sampling, analysis, evaluation, permitting, report preparation, and technical support.
e) Provide technical and administrative support as needed in the development of a programmatic agreement that DOE is negotiating with the State of Ohio's Historical Preservation Office.
f) Update a baseline human health risk assessment study of all media site-wide.
g) Perform a condition and impact assessment of deferred units on a yearly basis that assesses the risk these units have in contributing to further contamination of the site.
h) Prepare and submit reports (not necessarily all-inclusive) identified in Section J, Attachment 4.2 that include the input from others on-site.
i) Perform data management activities including the preparation and incorporation of applicable data into the Oak Ridge Environmental Information System, formatting, and trend analysis reporting of environmental monitoring data collected.
j) Evaluate, maintain, update, and revise the Portsmouth site-wide groundwater strategies documented by the annual Integrated Groundwater Monitoring Plan. The documents provide the long-term groundwater management and technical guidance for monitoring and remediation activities including recommendations for cost savings at the Portsmouth Site.
k) Maintain and update the Portsmouth Intranet site for dissemination and evaluation of environmental project information. Review the current practices at Portsmouth and make improvements and upgrades to the Geographical Information System (GIS). Train personnel in the use of the GIS and Intranet web page as appropriate.

C.2.1.5.3 Milestones/Schedule

The milestones, schedule and reference documents are listed in Exhibit C.2.0.3.

C.2.2 Waste Management, Storage Operations, and Facility Maintenance

This work scope shall be considered complete following final disposition of all legacy waste identified in Exhibit C.2.2.2 and the operation and maintenance of on-site permitted storage facilities as listed below through the end of this contract.

C.2.2.1 General Information

The waste disposition program provides for the safe storage, treatment, and disposal of waste generated from past operations and from environmental restoration projects. An estimated 10 acres of storage space is approved by the Ohio EPA for the storage of hazardous mixed waste under a RCRA Part B permit.

A large volume of various waste types are stored in compliance with applicable federal and state regulations and DOE Directives. The storage areas are comprised of the following:

a) Two RCRA Part B permitted facilities (X-7725 and X-326L Cage) comprised of 24 segregated storage areas.
b) Two separate TSCA storage facilities.
c) 56 TSCA storage areas, of which 27 contain TSCA waste, located within the USEC leased facilities (Process Buildings X-326, X-330, and X-333). Note: the RCRA permitted facilities may also house TSCA regulated waste.
d) Six separate LLW storage facilities X-7725, X-3001, X-7725A, X-7745R, XT-860A, and XT-860B.

C.2.2.2 Work to be Performed

The contractor shall perform all activities to:

a) Store, characterize, process, package, and ship all waste and excess materials to a DOE-approved storage, treatment, or disposal site. Wastes include, but are not limited to, construction debris, sanitary waste, LLW, RCRA, RCRA LLW, and TSCA LLW. Wastes shall be certified, processed and/or packaged to meet disposal or receiver site waste acceptance criteria. To the extent practicable the contractor shall establish a waste minimization program. The contractor shall sign all manifests and RCRA land disposal restriction notifications and be a co-permittee on the facility RCRA Part B Permit. The waste is shown by type, waste stream, and quantity in Exhibit C.2.2.2.
b) Ensure compliance with waste acceptance criteria for waste accepted from others for storage handling treatment and disposition. Provide training as necessary.
c) Disposition all legacy wastes identified in Exhibit C.2.2.2 and all wastes generated by remediation activities that has been, or will be, newly generated through 6/30/09.
d) Operate, maintain, repair, and modify, as necessary facilities, structures, including but not limited to all building components, HVAC systems, electrical systems, mechanical systems, lighting, roofing, and installed real property located within and around all waste storage facilities. The contractor shall provide facility information reports including but not limited to energy efficiency reports, backlog of maintenance and repair, and support for reporting into Facility Information Management System. The contractor shall be responsible for the total facility except as provided for under the Section H clause entitled "Government Furnished Services and Items." These facilities contain mixed usage including but not limited to storage, permitted waste storage areas, office space, restrooms, maintenance areas, etc. The facilities are listed in the Table below.

Building Number	Title	Description/Usage
X-3001(S)	GCEP Process Building No. 1 South	One-story (four-87ft high bays with 27and 70 ft mezzanine),3 ft thick reinforced concrete floor, steel frame, insulated metal siding, built up roof, and is estimated at 150,000 sq ft. Used for storage of non-classified equipment and property and LLW.
X-7725	Recycle/Assembly Facility	Five stories, variable thickness reinforced floor, steel frame, insulated metal siding, built up roof, overall dimensions 540 ft. by 820 ft. Used for Waste Storage area (RCRA LLW, LLW, TSCA LLW) office space, locker rooms and laboratories.
X-7725A	Waste Accountability Facility	One-story, high bay, slab-on-grade, steel frame insulated metal siding, metal roof 29,400 sq ft. LLW storage area.
X-7745R	Recycle/Assembly Storage Yard	A surfaced storage pad covering 292,000 sq. ft.
X-326L	L Cage Glove Box and Storage Area	Area for storage of miscellaneous materials.
X-744Y	Waste Storage Yard	A grass surfaced storage area of 90,000 sq. ft.
XT-860A	Rubb Building East of X-7725	Membrane structure on paved surface covering an estimated 23,200 sq. ft.
XT-860B	Rubb Building North of X-3346	Membrane structure on paved surface covering an estimated 23,200 sq. ft.
	DOE Material Storage Areas (excluding EU 11 & 12 DMSAs) in Process Buildings X-326, X-330, X-333	Various storage areas within three large process buildings.

C.2.2.3 Milestones/Schedule/Reference Documents

The milestones, schedule and reference documents are listed in Exhibit C.2.0.3.

C.2.3 Uranium Programs

C.2.3.1 Highly Enriched Uranium Program

This work scope shall be considered complete following final disposition of all HEU materials stored at Nuclear Fuel Services and at the Portsmouth site. The maintenance of 158 HEU shutdown cells is an ongoing activity through the end of this contract.

C.2.3.1.1 General Information

HEU production was suspended at Portsmouth in 1991 and actions were taken to remove the stored HEU materials from the site to minimize long-term safeguard and security costs.

The HEU program stores, ships, treats, and disposes of filter and incinerator ashes; disposes of the remaining HEU materials (i.e. oils, acids, and alumina) stored in the X-326 L-Cage; provides interim storage of HEU materials at the Nuclear Fuel Services (NFS) facility; performs engineering design, special equipment procurement, construction, and safety/regulatory reviews of a small scale HEU and UF_6 oxide conversion facility at NFS; performs surveillance and maintenance on 158 permanently shutdown cells in the X-326; and operates the Enriched Uranium-DOE Materials Storage Area 12. The HEU program will continue until a decision is made to place the HEU process building (X-326) into the D&D program or until the HEU is dispositioned.

HEU S&M are ongoing activities in compliance with DOE Directives, Portsmouth Safety Analysis Report, and EMEF-HEU-110, Rev. 1.

A subcontract has been awarded to NFS for interim storage of HEU material in Erwin, Tennessee. A second subcontract has been awarded to NFS to complete sampling, analysis, and bench testing and preliminary design for installation, startup, material processing and waste disposition for HEU materials currently stored at NFS.

C.2.3.1.2 Work to be Performed

The contractor shall perform all activities to:

a) Accept the two NFS subcontracts, then manage and provide technical support for the two subcontracts with NFS for 1) interim storage of HEU materials and 2) complete sampling analysis and bench testing, design and installation, startup, material processing, and waste disposal for HEU material currently stored at NFS.
b) Continue surveillance and maintenance of the HEU cells in compliance with DOE Directives, Portsmouth Safety Analysis Reports and EMEF-HEU-110, Rev. 1.
c) Treat and dispose of the remaining HEU materials (filter and incinerator ashes, gunk, alumina) located at the site in L cage of X-326, in accordance with DOE Directives and applicable RCRA requirements.

2.3.1.3 Milestones/Schedule/Reference Documents

The milestones, schedule and reference documents are listed in Exhibit C.2.0.3.

C.2.3.2 Depleted Uranium Hexafluoride (DUF_6) Cylinder Management

This work scope shall be complete following complete turnover of all cylinder management responsibilities, documentation, databases, etc. to Uranium Disposition Services.

C.2.3.2.1 General Information

The mission of DUF_6 Cylinder Project is to maintain safe long-term storage of an estimated 19,000 DUF_6 cylinder inventory until its eventual disposition. The primary objective of the DUF_6 Cylinder Project is to implement the requirements of DOE Directives, the Ohio Environmental Protection Agency Director's Final Findings and Orders (DFF&O's) dated February 24, 1998, and applicable requirements of the Portsmouth Safety Analysis Report. The cylinder yards are fully operational and work is ongoing. The cylinders are stored on concrete or

gravel pads in regular arrays that facilitate inspection. All cylinders receive radiological and mechanical inspections on a regular basis. Inspection data are computerized and maintained in the Cylinder Inventory Database. The DUF_6 cylinder storage facilities are Category II Nuclear facilities as classified in accordance with the requirements of DOE Order 425.1A.

C.2.3.2.2 Work to be Performed

The contractor shall perform all activities to:

a) Receive an additional 2,800 DUF_6 cylinders from the East Tennessee Technology Park.
b) Perform surveillance and maintenance on all (estimated 19,000 existing and additional 2,800 cylinders) DUF_6 cylinders and ensure storage requirements are consistent with the Ohio Environmental Protection Agency Director's Final Findings and Orders, and applicable requirements of the Portsmouth Safety Analysis Report. Tasks include, but are not limited to:
    1) annual and quadrennial inspections,
    2) ultrasonic measurements, radiation surveys,
    3) stacking and painting.
c) Turnover all cylinder management responsibilities, documentation, and databases to UDS in such a manner as to maintain compliance with all applicable requirements, and prepare a joint certification that the transfer has been successfully completed.

C.2.3.2.3 Milestones/Schedule/Reference Documents

The milestones, schedule and reference documents are listed in Exhibit C.2.0.3.

C.2.3.3 Polychlorinated Biphenyls (PCBs) Activities

The cleanup and disposal of PCB spills and leaks and maintenance of PCB collection trough systems is an ongoing activity through the end of this contract.

C.2.3.3.1 General Information

PCBs were used extensively in the uranium enrichment process. The lube oil system that USEC currently operates contains PCBs, which migrate into the USEC support systems. These systems occasionally leak due to age, vibration, and thermal cycling. Troughs and a collection system have been installed under the areas that have a high potential to leak. There are an estimated 16,000 PCB collection troughs (ranging from 4.5 to 6 feet in length) installed inside the cascade buildings (Building X-326, X-330, and X-333). The cascade buildings cover an estimated 3,700,000 square feet of floor space. PCBs are continuously collected for disposition, and maintenance of trough system is ongoing. PCBs that leak or spill are collected, cleaned-up, sampled, and properly disposed.

C.2.3.3.2 Work to be Performed

The contractor shall perform all activities to:

a) Maintain the PCB collection and containment trough system.
b) Perform repair, corrective maintenance and installation of new troughs and droplegs in the collection system as required.

c) Clean up, sample, and decontaminate PCB spills and leaks, sample and analyze spill sites (estimated to be 70 spills per year), and properly disposition the PCB material.
d) Sample and analyze air quality data throughout the cascade buildings, and submit quarterly and annual reports.

C.2.3.3.3 Milestones/Schedule/Reference Documents

The milestones, schedule and reference documents are listed in Exhibit C.2.0.3.

C.2.4 Gaseous Centrifuge Enrichment Plant Activities

This work scope shall be considered complete following the transfer the facilities listed below to USEC.

C.2.4.1 General Information

In January 2004, USEC announced that it will locate its lead cascade centrifuge uranium test facility at the Portsmouth Site. The announcement was based on the June 17, 2002 agreement between DOE and the USEC where DOE committed to work with the USEC in its development and deployment of an advanced centrifuge enrichment plant by 2010-2011. Part of this commitment involves the cleanup of the GCEP facilities at Portsmouth.

C.2.4.2 Work to be Performed

The contractor shall make the facilities listed in the table below available for use by USEC in the most cost effective matter while establishing equivalent on site capacity for functions ongoing within the facilities. The contractor shall perform all activities to:

a) Provide waste certification verification of the GCEP contractor performing disassembly of the in place GCEP equipment in Process Building X-3001, which is estimated to contain 569 clean and 812 contaminated centrifuge assembly and associated components. The disassembly work is not part of this contract.
b) Disposition stored wastes and materials in the GCEP facilities and materials generated by the GCEP Disassembly Contractor to other locations on site or disposition to an off-site disposal facility. The contractor shall be responsible all actions necessary for the creation of any new storage locations including but not limited to preparing NEPA documents for DOE's use in satisfying requirements, permitting requirements, safety basis authorizations, etc. Waste quantities are shown in Exhibit C.2.2.2.
c) Relocate all personnel located in the facilities listed below, including movement of all personal property from its current location to new locations established by the contractor. This relocation includes areas such as office spaces, storage, machine shops, etc.
d) Plan, design, and execute the relocation and re-installation of the X-6002 Boiler/Heating System.
e) Prepare modification of the RCRA Part B Permit, and execute closure of the X-7725 RCRA Waste Storage Area (292,234 square feet).
f) Dispose of all waste and materials generated in accordance with Section C.2.2.

Building	Description	Current Use

Building	Description	Current Use
X-3001, N. Half	One-story (four 87 foot high bays with 27 and 70 foot high mezzanine each end), 3 foot thick reinforced concrete floor, steel frame, insulated metal siding, built-up roof.	Classified storage area for abandoned GCEP equipment/parts, records and GDP equipment
X-3001, South Half	Same as above	Non-classified storage of equipment and EM material
X-3002	Same as above	Empty except for boiler system for heating system
X-3012	Two-story, high bay, variable thickness reinforced concrete floor, steel frame, insulated metal siding, built-up roof.	GCEP Process Support Building
X-7725	Five-story, variable thickness reinforced concrete floor, steel frame, insulated metal siding, built-up roof.	Waste Storage Area (RCRA, LLW, TSCA-LLW), office space, locker rooms, and laboratories
X-7725A	One-story, high bay, slab on grade, steel frame, insulated siding, metal roof.	Waste storage
X-7726	Same as X-7725	Office space
X-7727H	One-story high bay, slab on grade, steel frame, insulated metal siding, built-up roof.	Corridor with small amount of non-waste storage
X-7745R	Concrete pad	LLW storage area

C.2.4.3 Milestones/Schedule/Reference Documents

The milestones, schedule and reference documents are listed in Exhibit C.2.0.3.

C.2.5 Uranium Management Group Activities

The maintenance and disposition of existing uranium materials stored at the Portsmouth site is an ongoing activity through the end of this contract.

C.2.5.1 General Information

The Portsmouth Site has been a preferred site for the interim storage of uranium materials that have an asset value or potential future use for DOE or other federal agencies. An estimated 4,500 metric tons of uranium material was received at Portsmouth from other DOE sites (Hanford and Fernald) and five universities. This uranium material is in designated storage locations within the X-744G building. Additional Portsmouth uranium materials are stored at X-326 (L-cage and EU DMSA 11 & 12), at X-344 DMSA, at X-345 and at X-744G buildings.

C.2.5.2 Work to be Performed

The contractor shall perform all activities to:

a) Disposition the existing uranium materials either through reuse, sales, or disposal of the material.
b) Perform uranium material handling, as necessary, due to drum deterioration and batching & repackaging/over packing containers.
c) Conduct surveillance and maintenance of the storage facilities including but not limited to, light re-lamping, preventive maintenance, painting, floor coatings.
d) Conduct Nuclear Material Control and Accountability (NMCA) semi-annual inventories.
e) Perform periodic radiological surveys and provide cost reduction recommendations.

C.2.5.3 Milestones/Schedule/Reference Documents

The milestones, schedule and reference documents are listed in Exhibit C.2.0.3.

C.2.6 Onsite Disposal Cell Planning

This work scope shall be considered complete following contractor submittal and approval of appropriate documentation for an on-site disposal facility.

C.2.6.1 General Information

The DOE estimates a future need for disposal of approximately 2.5 million cubic yards of material (soil and building debris). Currently, the majority of remediation-generated waste is being disposed at the Nevada Test Site or Envirocare of Utah.

C.2.6.2 Work to be Performed

The contractor shall perform all activities to:

a) Evaluate through the appropriate regulatory process the feasibility of designing, constructing, and operating an onsite disposal facility for cleanup-generated waste. This shall include, but not be limited to, preparing and conducting appropriate study/evaluation/analysis documents that include, but are not limited to, a screening site study, waste generation volume/type assessment, preliminary waste acceptance criteria development, life-cycle cost analysis, and conceptual design.
b) Submit appropriate documentation and an evaluation that is sufficient in quality such that the DOE and the regulators and actively assist in obtaining regulatory approval.

C.2.6.3 Milestones/Schedule/Reference Documents

The milestones, schedule and reference documents are listed in Exhibit C.2.0.3.

C.2.7 Project Support

The contractor shall provide project support necessary for the successful accomplishment of this contract. This is an ongoing activity through the end of the contract.

C.2.7.1 Project Management System

The contractor shall perform all activities to:

a) Develop and maintain a project management system in accordance with clause H.1, Project Control Systems and Reporting Requirements, for both the scope of work under this contract and the anticipated site environmental restoration lifecycle.
b) Ensure that LTS issues are considered in the cleanup decision-making processes. Even though the LTS activities are not included in the scope of this contract, some of the activities needed to ensure the site's successful transition to future LTS are included.
c) Assist DOE in coordination and communication regarding LTS planning and transition with all involved parties including local stakeholders and regulators.
d) Maintain a Site Life Cycle Baseline for all PBS activities associated with the site (i.e., Infrastructure, UDS, USEC, DOE directs, etc.).

C.2.7.2 Integrated Safety Management System (ISMS)

The contractor shall develop and maintain a single, site-wide Integrated Safety Management System (ISMS) to accomplish all work under this contract as required by Department of Energy Acquisition Regulation Clause 970.5223-1, "Integration of Environment, Safety and Health into Work Planning and Execution." The contractor shall prepare an ISMS for DOE approval and Phase I/II verification.

The ISMS program shall be subject to an annual verification review by a DOE chartered ISMS verification team.

C.2.7.3 Environment, Safety and Health (ES&H) Program

The contractor shall perform all activities to:

a) Conduct all activities in accordance with applicable laws, regulations, permits, agreements and orders, and DOE Directives including, but not limited to, those listed in Section J, Attachments 1.2 and 2.2. The contractor's ES&H program shall be operated as an integral, but visible, part of how the contractor conducts business. This includes, but not limited to: prioritizing work planning and execution; establishing clear ES&H priorities; allocating resources to address programmatic and operational considerations; collecting and analyzing samples; and correcting non-compliance's and addressing all hazards for all facilities, operations, and work. The contractor shall ensure that cost reduction efforts and efficiency efforts are fully compatible with ES&H performance.
b) Take all actions necessary to preclude serious injuries and fatalities, keep worker radiological exposures as low as reasonably achievable, and ensure environmental releases are in compliance with regulatory requirements.
c) Maintain the documented safety analysis and safety basis documents, as applicable, for all non-leased DOE facilities, including, but not limited to Cylinder Yards, and remaining Category 2 facilities. The contractor shall, as required, update and maintain all safety analysis and safety documents in accordance with the requirements of 10 CFR 830, Subpart B.
d) Adopt existing regulatory required implementation plans and processes (e.g., 10 CFR 835, Radiation Protection Plan; 10 CFR 830, Quality Assurance Implementation Plan; and Unreviewed Safety Question Process). The contractor may elect to update these plans. Updated plans shall be submitted to DOE for approval.

e) Implement a Beryllium Protection program consistent with 10 CFR 850. A study has been completed characterizing the levels of Beryllium within the site and shall be considered by the contractor in development of a Beryllium protection program and in the performance of this contract.
f) Comply with the site's fire protection program. The fire protection function is currently supplied by USEC under separate arrangement with DOE.
g) Ensure adequate access to health programs/ambulatory care, and beryllium and radiation worker health surveillance programs. These services are required to assess, monitor, record data, and provide medical support for current site workers who are or may be exposed to radiological and hazardous materials. The contractor shall provide personnel radiation monitoring for its own employees and any visitors to its operations in accordance with 10 CFR 835.
h) Provide training to both their own and DOE employees as required by the Occupational Safety and Health Administration, DOE and the Department of Transportation.
i) Provide safety and health personal protective equipment for both their own and DOE employees. The contractor shall ensure adequate calibration and maintenance of monitoring and surveying equipment.
j) Provide support to DOE and participate in the site's Emergency Management program. The contractor shall provide adequate staff to support the Emergency Operation Center efforts for its operations, and ensure adequate support is available to respond to an emergency. The Emergency Operation Center for the site is provided by USEC with specific support from DOE for DOE activities.
k) Perform an environmental compliance due diligence review within 30 days after the end of the transition period. The results of due diligence shall not be the basis for a change to the target cost or a request for equitable adjustment.
l) Provide investigations and support for ES&H issues/effects resulting from the historical "work for others program," and may encounter materials that were part of a "work for others program." Historical information associated with the "work for others program" may include classified information. The potential implications will be discussed after award of this contract consistent with security requirements.
m) Annually provide input on the status of ES&H conditions in the non-leased areas of Portsmouth site to DOE Office of Nuclear Energy for inclusion in the Annual Report to Congress on ES&H Conditions report. The contractor is not responsible for drafting the annual report to Congress, but will provide the required input. (See Section 1701(b) of the Energy Policy Act of 1992, as amended). The contractor shall provide information in the following areas, including but not limited to: collection, analysis, and documentation of information relating to the environmental, safety, and health protection programs, activities, and compliance; status of DOE activities performed in non-leased areas of the sites; and descriptions of actions that DOE has taken to enhance safety in the non-leased portions of the sites. In addition, the contractor shall provide input, to include, but not be limited to actions, documents, responses, and information for DOE's preparation of various reports to Congress, DOE-HQ, the public, and other requesting organizations.

n) Provide non-emergency spill contamination, clean-up, and other post-emergency response activities. Spills could include, but not be limited to, diesel fuel, oils containing PCBs, and radioactive contamination.

C.2.7.4 Administration

The contractor shall provide administrative services including, but not limited to, management, public affairs, financial, legal, procurement, program management, taxes, public information, support to DOE, Citizen Advisory Board support, human resource management, and diversity commensurate to support the contractor's scope of work. The contractor shall support DOE in responding to requests for documents and information including, but not limited to: Freedom of Information Act requests; Privacy Act requests; requests for former contractor employees' records; discovery requests served upon DOE and its current and former prime contractors; other requests from DOE and/or current or former DOE contractors, including their counsel, for records within the contractor's possession; and requests from investigative agencies. Such support shall include, but not be limited to, preparation for briefings, public presentations, and search, review, and reproduction of such documents.

C.2.7.5 Transportation

The contractor shall be responsible for its own services including, but not limited to, transportation, traffic management, shipping/receiving, scale calibrations, vehicle and equipment maintenance, and management, except as specifically referenced as being furnished by the DOE or by others on behalf of DOE in the Section H clause entitled "Government Furnished Services and Items."

C.2.7.6 Records Management

The contractor shall perform all activities to:

a) Provide a records management program for records attained for or generated under the performance of this contract. This includes, but is not limited to: maintaining, storing, protecting, and dispositioning active and inactive records; retrieving records from on-site storage facilities; and supporting ongoing discovery efforts for litigation. The contractor shall provide an electronic and hard copy of all records to the infrastructure contractor for inclusion in the site's centralized records repository.
b) Place all necessary documents in the Portsmouth Environmental Information Center, which is maintained by others on behalf of DOE. The current Environmental Information Center is located on-site on Perimeter Road.

C.2.7.7 Safeguards and Security

The contractor shall perform all activities to:

a) Comply with site requirements to ensure appropriate levels of protection against: unauthorized access; theft, diversion, loss of custody of special nuclear material; espionage; loss or theft of classified matter or Government property; and other hostile acts that may cause unacceptable adverse impacts on national security or the health and safety of DOE and contractor employees, the public, or the environment. USEC currently provides the on-site protective force.

b) Promptly prepare and submit applications for security clearances ("Q" and "L", up to secret restricted data) as required for work under this contract. The Infrastructure contractor provides the processing of the security clearance applications, and coordinates with federal security reviewers.
c) Provide an information security program commensurate with the types of information available on-site, such as but not limited to, proprietary, privacy act, official use only, classified and unclassified controlled nuclear information (UCNI).

Exhibit C.2.0.3 Milestones/Schedule/Reference

Section C.2.1.1 Quadrant II Remedial Actions-Milestones/Schedule	
Milestone	**Date**
To Be Determined (will be identified in the Decision Document and work plan)	To Be Determined but no later than 9/30/09
Completion of preferred remedies identified in the decision document and subsequent work plan for the two Solid Waste Management Units	To Be Determined but no later than 9/30/09
C.2.1.1 Quadrant II Remedial Actions - Reference Documents	
Document Number	**Title**
DOE/EA-1459	Environmental Assessment, Quadrant II Corrective Measures Implementation at the Portsmouth Gaseous Diffusion Plant, Piketon, Ohio; and Associated Finding of No Significant Impact
POEF/ER/Sub-88/4501/1	Quadrant II Resource Conservation and Recovery Act Facility Investigation Work Plan
OH Permit # 04-57-0680	Resource Conservation and Recovery Act Part B Permit
U.S. Environmental Protection Agency Administrative Docket #OH7 890 008 983	Administrative Order by Consent and Amendments
Civil Action #C2-89-732	Ohio Consent Decree
US Environmental Protection Agency ID Number OH7 890 008 983	Director's Final Findings & Orders, United States DOE, Portsmouth Gaseous Diffusion Plant, Bechtel Jacobs Company LLC
Decision Document 12/08/03	X-701B SWMU Decision Document

Section C.2.1.2 Scrap Yard Milestones/Schedule	
Milestone	**Date**
Ship all remaining (approximately 2,000 tons) scrap metal to a DOE-approved disposal site	Completion Not Later Than 9/30/04
Section C.2.1.2 Scrap Yard Reference Documents	
Document Number	**Title**
OH Permit # 04-57-0680	RCRA Part B Permit
US EPA Administrative Docket #OH7 890 008 983	Administrative Order by Consent
Civil Action #C2-89-732	Ohio Consent Decree
Ohio EPA, Mar 18, 1999 entered into Director’s Journal.	Director’s Findings and Orders for Integrated Units

Section C.2.1.3 Inactive Facilities Removal – Milestones/Schedule	
Milestone	**Date**
Disposition of at- and above-grade materials and below-grade holding tank and materials	To Be Determined but no later than 9/30/09
Section C.2.1.3 Inactive Facilities Removal – Reference Documents	
Document Number	**Title**
NA	**NA**

Section C.2.1.4 Post Remediation Surveillance and Maintenance –Milestones/Schedule	
Milestone	**Date**
Construction and successful operation of the X-624 and the X-627 facilities	To Be Determined but no later than 9/30/06
Demolition of the X-622T facility	To Be Determined but no later than 9/30/06
Section C.2.1.4 Post Remediation Surveillance and Maintenance – Reference Documents	
Document Number	**Title**
US Environmental Protection Agency Administrative Docket #OH7 890 008 983	Administrative Order by Consent and Amendments
Civil Action #C2-89-732	Ohio Consent Decree
Ohio Environmental Protection Agency, March 18, 1999, entered into Director's Journal	Director's Findings and Orders for Integrated Units

Section C.2.1.5 Environmental Monitoring and Reporting - Milestones/Schedule	
Milestone	**Date**
5-Year Evaluation 611A Consent Decree	July 30, 2007
5-Year Evaluation X-724 Landfill Consent Decree	September 30, 2005
5-Year Evaluation X-749/X-120 Phyto Phase 1 Consent Decree	July 30,2007
5-Year Evaluation X-749/X-120 Phyto Phase 2 Consent Decree	April 30, 2008
5-Year Evaluation X-749 (Peter Keiwit Landfill) Consent Decree	July 30, 2007
Monthly NPDES Report Consent Decree	Monthly 15th
Annual Groundwater Report DFF&O's on Integration	Annually – April 1st
Fiscal Year Integrated Groundwater Monitoring Revisions	Annually – December 15th
Section C.2.1.5.4 Environmental Monitoring and Reporting - Reference Documents	
Document Number	**Title**
OH Permit # 04-57-0680	Resource Conservation and Recovery Act Part B Permit
US Environmental Protection Agency Administrative Docket # OH7 890 008 983	Administrative Order by Consent and Amendments

Section C.2.2 Waste Management – Milestones/Schedule	
Milestone	**Date**
Disposition all Site Treatment Plan (STP) Legacy waste (except GCEP project materials)	September 30, 2007
Section C.2.2 Waste Management – Reference Documents	
Document Number	**Title**
OH Permit # 04-57-0680	RCRA Part B Permit
U.S EPA Administrative Docket # OH7 890 008 983	Administrative Order by Consent and Amendments
Civil Action # C2-89-732	Ohio Consent Decree
Ohio EPA, Mar 18,1999 entered into Director's Journal	Director's Findings & Orders Site Treatment Plan

Section C.2.3.1 Highly Enriched Uranium Program - Milestones/Schedule	
Milestone	**Date**
Nondestructive Assay **(**NDA) measurements for 84 shutdown cells	9/30, each year
Gas sampling and analysis for 158 cells	9/30, each year
Section C.2.3.1. Highly Enriched Uranium Program – Reference Documents	
Document Number	**Title**
POEF / LMES - 98	Safety Analysis Report
OH Permit # 04-57-0680	RCRA Part B Permit
#23900-SC-SM292F for HEU Disposition	Nuclear Fuel Services Subcontract to BJC, LLC for HEU Disposition
#23900-SC-EF008F for HEU Interim Storage	Nuclear Fuel Services Subcontract to BJC, LLC for the interim storage
EMEF-HEU-110, Revision 1	Shutdown HEU Cascade S&M Plan

C.2.3.2 DUF_6 Cylinder Management - Milestones/Schedule	
Milestone	**Date**
Transition cylinder management to UDS	3/05
C.2.3.2 DUF_6 Cylinder Management - Reference Documents	
Document Number	**Title**
Contract # DE-AC05-020R22717	UDS Contract for construction of conversion facility and cylinder management
Dated 6/17/02	MOA with USEC
February 24, 1998	Ohio EPA Director's Final Findings & Orders
	Facility Authorization Agreement
	DOE Record of Decision for Long Term Management and Use of Depleted Uranium

C.2.3.3 Polychlorinated Biphenyls (PCBs) Activities - Milestones/Schedule	
Milestone	**Date**
Submit Annual Uranium Enrichment TSCA FFCA Report to DOE	June 1 of each year
Submit four quarterly UE TSCA FFCA progress reports to DOE	30 days after the end of a calendar year quarter
C.2.3.3 Polychlorinated Biphenyls (PCBs) Activities - Reference Documents	
Document Number	**Title**
	Toxic Substance Control Act, Federal Facility Compliance Agreement

C.2.4 Gaseous Centrifuge Enrichment Plant Activities- Milestones/Schedules	
Milestone	**Date**
Complete necessary environmental documentation sufficient to begin cleanup and equipment removal	9/30/04
C.2.4 Gaseous Centrifuge Enrichment Plant Activities- References Documents	
Document Number	**Title**
June 17, 2002	Agreement Between the U.S. Dept of Energy and USEC
POEF-090-95-050, July 1, 1993	Lease Agreement between the Dept of Energy and USEC

C.2.5 Uranium Management Group Activities- Milestones/Schedules	
Milestone	**Date**
Final disposition of uranium materials	9/30/09
C.2.5 Uranium Management Group Activities- Reference Documents	
Document Number	**Title**
DOE/EA-1393	Programmatic Environmental Assessment
DOE/EA-1319	Hanford Material Environmental Assessment
DOE/EA-1299	Fernald Material Environmental Assessment,
	Price Anderson Amendment Act

C.2.6. Onsite Disposal Cell Planning- Milestones/Schedules	
Milestone	**Date**
Submittal of Proposed Plan of Progress	TBD but not later than 9/30/09
C.2.6. Onsite Disposal Cell Planning- Reference Documents	
Document Number	**Title**

Exhibit C.2.2.2 Legacy Waste Type/Waste Stream/Quantity

ID Number	Title	Type	Contract Section	Status		Volume	Weight
Low- Level Waste				Early Start	Early Finish		
100-6	Film & Microfilm	LLW	Characterize	5/23/05	7/6/05	0.21	39.46
100-6	Film & Microfilm	LLW	Treatment	4/23/04	5/6/04	0.21	39.46
700-1	Chromic Acid Tank Closure Waste	LLW	Disposal	3/11/04	4/22/04	0.21	54.00
705-1	Alkaline Solution	LLW	Disposal	3/11/04	4/22/04	0.32	343.38
705-11	Filter Table Gunk	LLW	Disposal	3/25/04	5/6/04	0.21	64.62
705-2	Heavy Metal Sludge	LLW	Disposal	3/25/04	5/6/04	165.15	69737.46
705-4	Waste Oil and Solvents	LLW	Disposal	2/12/04	3/24/04	0.21	95.26
720-27	Cement dust	LLW	Characterize	4/23/04	5/6/04	2.72	788.36
720-27	Cement dust	LLW	Disposal	8/4/05	9/15/05	2.72	788.36
7725-2						0.62	322.96
A-101	Asbestos Insulation from Non-Rad Areas	LLW	Disposal	12/30/03	2/11/04	513.71	192874.57
A-102	Asbestos from Rad Areas	LLW	Characterize	4/23/04	5/6/04	49.84	13055.54
A-102	Asbestos from Rad Areas	LLW	Disposal	7/21/05	8/17/05	49.84	13055.54
A-103	Asbestos Brake Linings	LLW	Characterize	4/23/04	5/6/04	1.27	1020.11
A-103	Asbestos Brake Linings	LLW	Disposal	7/21/05	8/17/05	1.27	1020.11
CASC-6	Decontamination Waste Solids	LLW	Characterize	4/23/04	5/6/04	12.94	12298.89
CASC-6	Decontamination Waste Solids	LLW	Disposal	8/25/05	9/29/05	12.94	12298.89
ER-2						2.72	512.57
ER-3						6.27	57.16
NER-1	Non-Regulated Ground and Related Water	LLW	Characterize	4/23/04	5/6/04	8.34	3327.39
NER-1	Non-Regulated Ground and Related Water	LLW	Treatment	7/21/05	8/17/05	8.34	3327.39
NER-2	Non-Regulated PPE	LLW	Treatment	2/12/04	3/24/04	5.64	1764.52
NER-3	Non-Regulated Soils	LLW	Characterize	4/23/04	5/6/04	43.5	67838.6
NER-3	Non-Regulated Soils	LLW	Disposal	9/1/05	9/29/05	43.5	67838.6
NER-7	Non-Regulated Surface Water	LLW	Characterize	4/23/04	5/6/04	.21	82.10
NER-7	Non-Regulated Surface Water	LLW	Treatment	7/21/05	8/17/05	.21	82.10
NER-8	Non-Regulated Decon Water	LLW	Treatment	7/21/05	8/17/05	.62	598.3
NER-8	Non-Regulated Decon Water	LLW	Disposal	7/21/05	8/17/05	.62	598.3
NSW-1	Laboratory Off-Spec Chemicals	LLW	Characterize	4/23/04	5/6/04	0.49	297.59

ID Number	Title	Type	Contract Section	Status		Volume	Weight
NSW-1	Laboratory Off-Spec Chemicals	LLW	Treatment	7/21/05	8/17/05	0.49	297.59
NSW-2	Non-Regulated Rags, Gloves, Wipes, Absorbent, Etc.	LLW	Disposal				
NSW-14	Non-Regulated Cleanup and Spill Residue	LLW	Characterize	4/23/04	5/6/04	.83	414.59
NSW-14	Non-Regulated Cleanup and Spill Residue	LLW	Disposal	7/21/05	8/17/05	.83	414.59
NSW-19	Non-Regulated Derbies- Wood,etc.	LLW	Characterize	4/23/04	5/6/04	3.36	1603.51
NSW-2	Non-Regulated Derbies- Rags,etc.	LLW	Characterize	4/23/04	5/6/04	9.19	1956.42
NSW-2	Non-Regulated Derbies- Rags,etc.	LLW	Disposal	8/18/05	9/15/05	9.19	1956.42
NSWITCH-2	Non-Regulated Waste Oil	LLW	Characterize	4/23/04	5/6/04	.83	778.83
NSWITCH-2	Non-Regulated Waste Oil	LLW	Treatment	7/21/05	8/17/05	.83	778.83
P-101	Debris	LLW	Characterize	4/23/04	5/6/04	6.05	2103.80
P-101	Debris	LLW	Disposal	8/18/05	9/15/05	6.05	2103.80
P-101B						.42	126.55
P-104	Ballasts	LLW	Characterize	4/23/04	5/6/04	.21	97.07
P-104	Ballasts	LLW	Disposal	7/21/05	8/17/05	.21	97.07
P-105	PCB Materials	LLW	Disposal	2/11/05	3/10/05	15.66	6363.96
P-107	Filter Water	LLW	Treatment	2/11/05	3/10/05	2.19	1774.94
P-108	Water	LLW	Characterize	4/23/04	5/6/04	4.58	4231.91
P-108	Water	LLW	Treatment	7/21/05	8/17/05	4.58	4231.91
P-109	PCB Equipment	LLW	Characterize	4/23/04	5/6/04	.21	252.2
P-109	PCB Equipment	LLW	Disposal	7/21/05	8/17/05	.21	252.2
P-110	Samples	LLW	Characterize	4/23/04	5/6/04	.13	59.88
P-110	Samples	LLW	Disposal	7/21/05	8/17/05	.13	59.88
P-111	PCB Empty Containers	LLW	Characterize	4/21/05	5/6/05	4.98	867.72
P-111	PCB Empty Containers	LLW	Disposal	7/21/06	8/17/06	4.98	867.72
P-113	Sewage Treatment Sludge	LLW	Characterize	4/21/05	5/6/05	0.11	21.80
P-113	Sewage Treatment Sludge	LLW	Disposal	7/21/06	8/17/06	0.11	21.80
P-450	Floor Sweepings (Non X-7745R)	LLW	Disposal	1/14/04	2/11/04	0.21	61.69
P-550	Scrap Metal	LLW	Characterize	4/25/05	5/6/05	0.32	148.8
P-550	Scrap Metal	LLW	Disposal	7/21/06	8/17/06	0.32	148.8
P-999	Uncategorized PCB Solid Waste	LLW	Characterize	4/25/05	5/6/05	3.03	779.29
P-999	Uncategorized PCB Solid Waste	LLW	Disposal	7/21/06	8/17/06	3.03	779.29
RD-102	Scrap Metal	LLW	Characterize	4/23/04	5/6/04	5473.78	1438861.77

ID Number	Title	Type	Contract Section	Status		Volume	Weight
RD-102	Scrap Metal	LLW	Disposal	5/9/05	11/3/05	5473.78	1438861.77
RD-102	Scrap Metal Converter Shells	LLW	Disposal	10/3/05	9/29/\	6901.72	
RD-103	Trapping Material	LLW	Characterize	4/23/04	5/6/04	43.68	39565.35
RD-103	Trapping Material	LLW	Disposal	7/21/05	8/17/05	43.68	39565.35
RD-104	Chemical Compounds	LLW	Characterize	4/23/04	5/6/04	29.31	27596.68
RD-104	Chemical Compounds	LLW	Treatment	7/21/05	8/17/05	29.31	27596.68
RD-105	Sealed Sources	LLW	Disposal	1/14/04	2/11/04	1.28	122.48
RD-106	Heavy Metal Paper (Non X-7745R)	LLW	Disposal	1/14/04	2/11/04	10.86	4577.15
RD-107	Glass (Non X-7745R)	LLW	Disposal	1/14/04	2/11/04	40.23	12635.77
RD-108	Sand	LLW	Disposal	2/13/06	4/10/06	6.45	6830.06
RD-109	Soil (Non X-7745R)	LLW	Disposal	1/14/04	2/11/04	57.19	54758.13
RD-110	Concrete	LLW	Disposal	2/11/05	3/11/05	52.34	35606.86
RD-111	Clay or Other Inorganic Absorbent	LLW	Characterize	4/23/05	5/6/05	4.39	4247.74
RD-111	Clay or Other Inorganic Absorbent	LLW	Disposal	7/21/06	8/17/06	4.39	4247.74
RD-112	Compactables	LLW	Characterize	4/25/05	5/6/05	33.23	7903.42
RD-112	Compactables	LLW	Disposal	7/21/06	8/17/06	33.23	7903.42
RD-114	Sludge	LLW	Characterize	4/23/04	5/6/04	425.96	218566.60
RD-114	Sludge	LLW	Disposal	7/21/05	8/17/05	425.96	218566.60
RD-116	DAW Compacted	LLW	Characterize	4/25/05	5/6/05	5.44	
RD-116	DAW Compacted	LLW	Disposal	7/21/06	8/17/06	5.44	
RD-117	Empty Drums	LLW	Characterize	4/25/05	5/6/05	32.05	3729.07
RD-117	Empty Drums	LLW	Disposal	7/21/06	8/17/06	32.05	3729.07
RD-119	Waste Water	LLW	Characterize	4/23/04	5/6/04	7.73	6488.68
RD-119	Waste Water	LLW	Treatment	7/21/05	8/17/05	7.73	6488.68
RD-450	Floor Sweepings (Non X-7745R)	LLW	Disposal	1/14/04	2/11/04	58.81	35796.34
RD-600	Plastic Pipe Debris	LLW	Characterize	4/25/05	5/6/05	30.65	2646.28
RD-600	Plastic Pipe Debris	LLW	Disposal	7/21/06	8/17/06	30.65	2646.28
RD-700	Oil	LLW	Characterize	4/25/05	5/6/05	5.73	3714.93
RD-700	Oil	LLW	Treatment	7/21/06	8/17/06	5.73	3714.93
RD-710	Aqueous Solutions	LLW	Characterize	4/25/05	5/6/05	8.39	6877.44
RD-710	Aqueous Solutions	LLW	Treatment	7/21/06	8/17/06	8.39	6877.44
RD-800	Non-Asbestos Insulation	LLW	Disposal	12/14/05	1/13/06	14.01	6889.24
RD-801	Rad Asbestos Insulation	LLW	Characterize	4/25/06	5/8/06	224.48	55228.04
RD-801	Rad Asbestos Insulation	LLW	Disposal	7/21/06	8/17/06	224.48	55228.04
RD-900	Unused Chemical Products with metals	LLW	Disposal	7/21/06	8/17/06	7.03	4544.55

ID Number	Title	Type	Contract Section	Status		Volume	Weight
RD-901	Unused Chemical Products w/o metals	LLW	Characterize	4/25/06	5/8/06	6.45	4289.99
RD-901	Unused Chemical Products w/o metals	LLW	Disposal	7/21/06	8/17/06	6.45	4289.99
RD-999	Uncategorized Solid Waste	LLW	Disposal	2/13/06	3/10/06	141.33	62056.29
SB-114	Sludge Non-Rad	LLW	Disposal	7/21/05	8/17/05	0.62	722.59
SR-N		LLW	Characterize	3/27/06	4/7/06	.21	59.88
SR-N		LLW	Disposal	7/14/06	8/24/06	.21	59.88
SR-R		LLW	Characterize	3/27/06	4/7/06	0.62	302.55
SR-R		LLW	Disposal	7/14/06	8/24/06	0.62	302.55
SW-1	Off-Specification Laboratory Chemicals	LLW	Characterize	4/23/04	5/6/04	1.04	679.63
SW-1	Off-Specification Laboratory Chemicals	LLW	Treatment	7/21/05	8/17/05	1.04	679.63
SW-4	Batteries	LLW	Characterization only Free Rel.				
SW-11	Non-laboratory Off-Specification Chemicals	LLW	Characterize	4/23/04	5/6/04	.98	574.66
SW-11	Non-laboratory Off-Specification Chemicals	LLW	Treatment	7/21/05	8/17/05	.98	574.66
SW-13	Circuit Boards	LLW	Characterize	4/25/06	5/8/06	0.11	33.60
SW-13	Circuit Boards	LLW	Disposal	7/21/06	8/17/06	0.11	33.60
SW-14a	Solid Cleanup and Spill Residue	LLW	Disposal	2/11/05	3/10/05	0.42	623.75
SW-2	Rags, Gloves, Wipes, Absorbent	LLW	Characterize	4/23/04	5/6/04	0.84	176.46
SW-2	Rags, Gloves, Wipes, Absorbent	LLW	Treatment	7/21/05	8/17/05	0.84	176.46
SW-3	Floor Sweepings	LLW	Disposal	1/14/04	2/11/04	0.01	2.11
SW-99	Landfill Wastes	LLW	Disposal	2/11/05	3/10/05	31.55	10384.86
RCRA/LLW							
C-4	Waste Acids	RCRA/LLW	Treatment	2/13/06	3/10/06		
W001	Treatment Filters	RCRA/LLW	Treatment	2/11/05	3/10/05	36.87	26559.11
W002	Vapor Degreasing Sludge (BS)	RCRA/LLW	Treatment	3/14/05	4/11/05	1.38	884.56
W002	Vapor Degreasing Sludge (BS)	RCRA/LLW	Disposal	4/12/05	5/9/05	1.38	884.56
W004	Light Bulbs (BS)	RCRA/LLW	Treatment	3/11/04	4/7/04	8.37	6086.36
W004	Light Bulbs (BS)	RCRA/LLW	Disposal	4/8/04	5/6/04	8.37	6086.36
W005	Metal Turnings	RCRA/LLW	Treatment	3/14/05	4/11/05	0.74	347.37
W005	Metal Turnings	RCRA/LLW	Disposal	4/12/05	5/9/05	0.74	347.37
W006	Waste Hg Metallic	RCRA/LLW	Treatment	2/12/04	3/10/04	5.07	2998.72

ID Number	Title	Type	Contract Section	Status		Volume	Weight
W009	Spent Alkaline Solutions (BS)	RCRA/LLW	Treatment	3/14/05	4/11/05	11.58	10482.31
W009	Spent Alkaline Solutions (BS)	RCRA/LLW	Disposal	4/12/05	5/9/05	11.58	10482.31
W010	Nickel Stripping (BS)	RCRA/LLW	Characterize	4/26/05	5/9/05	0.21	240.86
W010	Nickel Stripping (BS)	RCRA/LLW	Treatment	5/24/05	6/7/05	0.21	240.86
W010	Nickel Stripping (BS)	RCRA/LLW	Disposal	6/8/05	7/7/05	0.21	240.86
W011	Plating Solution	RCRA/LLW	Treatment	3/14/05	4/11/05	0.77	704.44
W011	Plating Solution	RCRA/LLW	Disposal	4/12/05	5/9/05	0.77	704.44
W015	Heavy Metal Sludge	RCRA/LLW	Disposal	2/28/05	3/28/05	18.38	8739.49
W016	Microfiltration Sludge & Filters (BS)	RCRA/LLW	Treatment	3/14/05	4/11/05	1.04	430.81
W016	Microfiltration Sludge & Filters (BS)	RCRA/LLW	Disposal	4/12/05	5/9/05	1.04	430.81
W017	Paints & Thinners	RCRA/LLW				32.59	25093.21
W018	Ion Exchange Resins	RCRA/LLW	Treatment	2/11/05	3/10/05	81.64	58602.25
W019	Waste Oils	RCRA/LLW	Treatment	4/26/05	6/21/05	16.83	13034.68
W019	Waste Oils	RCRA/LLW	Disposal	6/22/05	7/21/05	16.83	13034.68
W020	Lead Solids (BS)	RCRA/LLW	Treatment	3/11/04	4/7/04	67.21	20383.87
W020	Lead Solids (BS)	RCRA/LLW	Disposal	4/8/04	5/6/04	67.21	20383.87
W021	Fluorine Generator Scrap & Debris	RCRA/LLW	Treatment	2/11/05	3/10/05	5.16	3996.62
W022	Waste Decontamination Solids	RCRA/LLW	Treatment	2/11/05	3/10/05	42.39	30065.67
W023	RCW/RHW System Waste	RCRA/LLW	Treatment	2/11/05	3/10/05	6	4503.30
W024	Floor Sweepings	RCRA/LLW				4.12	2335.59
W025	HEPA Filters	RCRA/LLW	Treatment	2/12/04	3/10/04	.28	73.95
W026	Metal Shavings & Scrap	RCRA/LLW				49.90	33992.46
W028	Laboratory Waste	RCRA/LLW				0.06	40.42
W029	Waste Anti-Freeze	RCRA/LLW	Treatment	2/12/04	3/10/04	0.21	81.19
W032	Incinerable Sludges	RCRA/LLW	Treatment	3/14/05	4/11/05	13.00	5840.56
W032	Incinerable Sludges	RCRA/LLW	Disposal	4/12/05	5/9/05	13.00	5840.56
W033	Batteries	RCRA/LLW	Characterize	2/26/04	3/10/04	9.59	7561.98
W033	Batteries	RCRA/LLW	Treatment	5/21/04	6/18/04	9.59	7561.98
W034	Lead Solutions (BS)	RCRA/LLW	Treatment	3/14/05	4/11/05	0.83	578.8
W034	Lead Solutions (BS)	RCRA/LLW	Disposal	4/12/05	5/9/05	0.83	578.8
W035	Oil & Grease Removal Unit Filtercake	RCRA/LLW	Treatment	2/12/04	3/10/04	6.12	4036.12
W036	Seal Dismantling Scrap Metal	RCRA/LLW	Characterize	4/25/05	5/6/05	0.85	575.62
W036	Seal Dismantling Scrap Metal	RCRA/LLW	Treatment	7/21/05	8/17/05	0.85	575.62
W037	Machine Grinding Sludge	RCRA/LLW	Treatment	2/12/04	3/10/04	0.85	450.45

ID Number	Title	Type	Contract Section	Status		Volume	Weight
W038	PPE & Miscellaneous Debris	RCRA/LLW	Characterize	4/25/05	5/6/05	340.19	169804.78
W038	PPE & Miscellaneous Debris	RCRA/LLW	Treatment	7/21/05	8/17/05	340.19	169804.78
W042	Fluorine Generator Sludge	RCRA/LLW	Treatment	2/11/05	3/10/05	15.84	16604.00
W043	Filter Table Gunk	RCRA/LLW	Treatment	2/12/04	3/10/04	29.08	21325.91
W044	Booth Water (BS)	RCRA/LLW	Characterize	3/29/05	4/11/05	0.21	95.71
W044	Booth Water (BS)	RCRA/LLW	Treatment	8/5/05	9/1/05	0.21	95.71
W044	Booth Water (BS)	RCRA/LLW	Disposal	9/2/05	9/30/05	0.21	95.71
W045	Waste Oils Filter	RCRA/LLW	Treatment	2/13/06	3/10/06	0.23	83.42
W048	Gas Analyzer Solutions (BS)	RCRA/LLW	Treatment	3/14/05	4/11/05	7.88	7425.05
W048	Gas Analyzer Solutions (BS)	RCRA/LLW	Disposal	4/12/05	5/9/05	7.88	7425.05
W050	Groundwater & Related Water	RCRA/LLW	Characterize	4/25/05	5/6/05	8.13	5821.31
W050	Groundwater & Related Water	RCRA/LLW	Treatment	7/21/05	8/17/05	8.13	5821.31
W052	Soft Solid Debris (BS) Rags, Gloves, Wipes, Absorbent	RCRA/LLW	Treatment	3/14/05	4/11/05	400.17	241061.41
W052	Soft Solid Debris (BS) Rags, Gloves, Wipes, Absorbent	RCRA/LLW	Disposal	4/12/05	5/9/05	400.17	241061.41
W053	Waste acids and Bases (BS)	RCRA/LLW	Treatment	3/14/05	4/11/05	38.00	27687.41
W053	Waste acids and Bases (BS)	RCRA/LLW	Disposal	4/12/05	5/9/05	38.00	27687.41
W055	Decontamination Waste Solutions	RCRA/LLW	Treatment	3/14/05	4/11/05	23.33	18360.05
W055	Decontamination Waste Solutions	RCRA/LLW	Disposal	4/12/05	5/9/05	23.33	18360.05
W057	Solvents	RCRA/LLW	Treatment	3/14/05	4/11/05	12.02	10521.46
W057	Solvents	RCRA/LLW	Disposal	4/12/05	5/9/05	12.02	10521.46
W059	Bag Filters	RCRA/LLW				0.95	289.81
W060	Hazardous Waste Unit Closure Waste	RCRA/LLW	Treatment	7/7/05	9/15/05	314.73	280692.04
W061	Mercury Solids	RCRA/LLW	Characterize	4/25/05	5/6/05	7.05	5037.42
W061	Mercury Solids	RCRA/LLW	Treatment	7/21/05	8/17/05	7.05	5037.42
W064	Cement Dust	RCRA/LLW	Characterize	3/14/05	4/11/05	7.17	6537.86
W064	Cement Dust	RCRA/LLW	Treatment	4/12/05	5/9/05	7.17	6537.86
W065	Solid, Liquid Cleanup of Storage Areas	RCRA/LLW	Treatment	2/11/05	3/10/05	38.75	16845.69
W066	Cleaning & Neutralization Tank Residue	RCRA/LLW	Treatment	2/13/06	3/10/06	6.38	5154.46
W068	Circuit Boards & Related Items (BS)	RCRA/LLW	Treatment	3/11/04	4/7/04	7.53	3496.40
W068	Circuit Boards & Related Items (BS)	RCRA/LLW	Disposal	4/8/04	5/9/04	7.53	3496.40

ID Number	Title	Type	Contract Section	Status		Volume	Weight
W069	Cleanup & Spill Residues (BS)	RCRA/LLW	Treatment	3/14/05	4/11/05	82.18	72929.83
W069	Cleanup & Spill Residues (BS)	RCRA/LLW	Disposal	4/12/05	5/9/05	82.18	72929.83
W070	Gas Cylinders	RCRA/LLW	Treatment	2/13/06	3/10/06	0.08	13.61
W071	Waste Oil Debris (BS)	RCRA/LLW	Treatment	3/14/05	4/11/05	1.06	637.77
W071	Waste Oil Debris (BS)	RCRA/LLW	Disposal	4/12/05	5/9/05	1.06	637.77
W072	Cleanup Debris (BS)	RCRA/LLW	Treatment	3/14/05	4/11/05	3.05	1312.73
W072	Cleanup Debris (BS)	RCRA/LLW	Disposal	4/12/05	5/9/05	3.05	1312.73
W073	Steam Plant PPE & Debris	RCRA/LLW	Treatment	2/13/06	3/10/06	2.91	512.13
W075	Waste Slag	RCRA/LLW	Characterize	4/23/04	5/6/04	0.21	95.26
W075	Waste Slag	RCRA/LLW	Treatment	8/18/04	9/15/04	0.21	95.26
W076	Cyanide Bearing Solutions	RCRA/LLW	Characterize	4/23/04	6/18/04	0.21	164.66
W076	Cyanide Bearing Solutions	RCRA/LLW	Treatment	7/21/04	8/17/04	0.21	164.66
W077	Neat TCE	RCRA/LLW	Characterize	4/25/06	5/8/06	0.42	588.77
W077	Neat TCE	RCRA/LLW	Treatment	7/21/06	8/17/06	0.42	588.77
W080	Flushing Solutions (BS)	RCRA/LLW	Treatment	3/14/05	4/11/05	0.81	696.73
W080	Flushing Solutions (BS)	RCRA/LLW	Disposal	4/12/05	5/9/05	0.81	696.73
W081	Silver Solutions (BS)	RCRA/LLW	Treatment	3/14/05	4/11/05	1.29	404.17
W081	Silver Solutions (BS)	RCRA/LLW	Disposal	4/12/05	5/9/05	1.29	404.17
W082	HEU Waste (BS)	RCRA/LLW	Characterize	3/29/05	4/11/05	1.12	494.91
W082	HEU Waste (BS)	RCRA/LLW	Treatment	7/8/05	8/4/05	1.12	494.91
W082	HEU Waste (BS)	RCRA/LLW	Disposal	8/5/05	9/1/05	1.12	494.91
W083	Alumina Trap Material	RCRA/LLW	Treatment	2/13/06	3/10/06	47.63	37511.76
W085	Motor Cleaning Solutions Filters	RCRA/LLW	Treatment	2/13/06	3/10/06	0.21	210.02
TSCA LLW							
P-111	Empty PCB Drums	TSCA/LLW	Characterize	3/14/05	3/28/05	338.81	39578.97
P-111	Empty PCB Drums	TSCA/LLW	Disposal	8/11/05	9/22/05	338.81	39578.97
P-710	Wood and /or Wood Products	TSCA/LLW	Characterize	3/29/05	4/11/05	12.52	3286.33
P-710	Wood and /or Wood Products	TSCA/LLW	Disposal	7/22/05	9/1/05	12.52	3286.33
P-101B	Debris	TSCA/LLW	Disposal	5/24/05	6/21/05	260.92	50519.52
P-102	Mineral Oil	TSCA/LLW	Treatment	10/22/04	5/17/05	3.78	3528.99
P-107	Filter Water	TSCA/LLW	Treatment	3/12/04	4/7/04	0.21	201.40
P-109	PCB Equipment	TSCA/LLW	Characterize	11/24/04	11/16/04	0.47	189.63
P-109	PCB Equipment	TSCA/LLW	Treatment	12/3/04	1/10/05	0.47	189.63
P-110	Samples	TSCA/LLW	Treatment	12/5/03	1/12/04	4.28	2114.31
P-110A	Liquid Samples	TSCA/LLW	Characterize	11/10/04	11/15/04	0.02	9.98
P-110A	Liquid Samples	TSCA/LLW	Treatment	12/2/04	1/6/05	0.02	9.98

ID Number	Title	Type	Contract Section	Status		Volume	Weight
P-111A	PCB (overpacked) empty container	TSCA/LLW	Characterize	1/21/05	2/17/05	96.01	18984.93
P-111A	PCB (overpacked) empty container	TSCA/LLW	Disposal	6/22/05	8/11/05	96.01	18984.93
P-112	Cabling	TSCA/LLW	Treatment	6/9/04	7/22/04	0.21	33.11
P-113	Sewage Treatment Sludge	TSCA/LLW	Disposal	4/23/04	5/20/04	2.72	2067.06
P-400	Used Glass Products-sample jars	TSCA/LLW	Characterize	2/26/04	3/10/04	4.31	1932.26
P-400	Used Glass Products-sample jars	TSCA/LLW	Disposal	5/21/04	6/18/04	4.31	1932.26
P-550	Scrap Metal	TSCA/LLW	Characterize	2/26/04	3/10/04	46.24	22032.75
P-550	Scrap Metal	TSCA/LLW	Disposal	5/21/04	6/18/04	46.24	22032.75
P-600	Plastic Pipe	TSCA/LLW	Characterize	2/26/04	3/10/04	59.46	20815.48
P-600	Plastic Pipe	TSCA/LLW	Disposal	5/21/04	6/18/04	59.46	20815.48
P-750	Organic Sludges	TSCA/LLW	Characterize	2/26/04	3/10/04	1.25	940.31
P-750	Organic Sludges	TSCA/LLW	Treatment	5/21/04	6/18/04	1.25	940.31
P-998	Uncategorized PCB Liquids	TSCA/LLW	Characterize	2/26/04	3/10/04	0.42	310.72
P-998	Uncategorized PCB Liquids	TSCA/LLW	Disposal	5/21/04	6/18/04	0.42	310.72
RD-101	Dry Active Waste	TSCA/LLW	Characterize	2/26/04	3/10/04	0.42	69.40
RD-101	Dry Active Waste	TSCA/LLW	Disposal	5/21/04	6/18/04	0.42	69.40
RD-450	Floor Sweepings	TSCA/LLW				2.29	1212.49
P-104	Mineral Oil	TSCA/LLW	Treatment	10/15/04	11/24/04	23.08	22766.40
P-105	PCB materials	TSCA/LLW	Characterize	11/15/04	11/18/04	131.99	83856.07
P-105	PCB materials	TSCA/LLW	Disposal	12/7/04	2/15/05	131.99	83856.07
P-109A	Uncontainerized PCB Transformers	TSCA/LLW	Treatment	2/11/05	3/29/05	0.62	42377.14
P-109B	Containerized PCB Transformers	TSCA/LLW	Characterize	11/12/04	11/18/04	15.96	13930.48
P-109B	Containerized PCB Transformers	TSCA/LLW	Treatment	11/19/04	11/24/04	15.96	13930.48
P-450	Floor Sweepings	TSCA/LLW	Disposal	1/14/05	2/25/05	6.10	4626.62
P-500	Soil, Gravel, Rocks, etc.	TSCA/LLW	Characterize	2/28/05	3/11/05	756.44	1014361.26
P-500	Soil, Gravel, Rocks, etc.	TSCA/LLW	Disposal	5/24/05	6/21/05	756.44	1014361.26
P-520	Masonry Debris	TSCA/LLW	Characterize	2/28/05	3/11/05	54.34	58920.89
P-520	Masonry Debris	TSCA/LLW	Disposal	5/24/05	6/21/05	54.34	58920.89
P-999	Uncategorized PCB Solids	TSCA/LLW	Characterize	2/28/05	3/11/05	213.60	80245.22
P-999	Uncategorized PCB Solids	TSCA/LLW	Disposal	5/24/05	6/21/05	213.60	80245.22
SW-3	Floor Sweepings	TSCA/LLW	Characterize	2/28/05	3/11/05	0.21	89.81
SW-3	Floor Sweepings	TSCA/LLW	Disposal	5/24/05	6/21/05	0.21	89.81